

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	59	mitchell-stephen-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/30 17:24
S2	8	S1 and "123"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 10:19
S3	2	de-10053776-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:29
S4	2	de-4419557-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:29
S5	1	fr-2305589-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:30
S6	2	gb-2066361-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:31
S7	0	wo-0206642-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:31
S8	0	wo-206642-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:35
S9	1	hu-39343-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:35
S10	0	ep-0943731-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:35
S11	2	ep-943731-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:37

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S12	27	"3633555"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:39
S13	8	"5152262"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:40
S14	8	"5373818"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/07 17:40
S15	5560	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 15:54
S16	5560	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 15:55
S17	42	S16 and (cam\$1shaft or camshaft) with shaft with link	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 16:07
S18	22	S16 and (cam\$1shaft or camshaft) same (control adj shaft) with link	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 16:13
S19	1587	123/90.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 16:13
S20	256	123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 16:13
S21	27	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 16:13
S22	10	("5787849").URPN.	USPAT	OR	ON	2004/10/08 16:19
S23	7	("4485780" "4593662" "5636602" "5709178" "5787849" "5794576" "6386161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:27
S24	11	("4505235" "4872428" "4913104" "5074260" "5080055" "5095861" "5333579" "5363818" "5365896" "5398649" "5617818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:31

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S25	1	S16 and shaft same control adj shaft same (slot or groove) with key	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:32
S26	17	S16 and shaft same (slot or groove) with key	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:39
S27	1	S16 and (slot or groove) with key near2 inclin\$3	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:40
S28	19	S16 and (slot or groove) near2 inclin\$3	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/08 16:40
S29	1587	123/90.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:29
S30	142	S29 and control adj shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:30
S31	12	S30 and axial\$2 near2 mov\$4 with shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:32
S32	216	123/90.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:30
S33	0	S32 and control adj shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:30
S34	256	123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:30
S35	11	S34 and control adj shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:30
S36	25	(axial\$2 near2 mov\$4 with shaft) same link same key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:36
S37	0	S36 and "123"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/08 17:33

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S38	2558	123/90.16,90.17.ccls. and (cam adj shaft or cam\$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:04
S39	3209	123/90.15-90.18.ccls. and (cam adj shaft or cam\$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:06
S40	256	123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:13
S41	176	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:05
S42	176	S40 and (cam adj shaft or cam\$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:06
S43	4248	123/90.15-90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:14
S44	105	S40 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 16:14
S45	8	("733220").URPN.	USPAT	OR	ON	2004/10/12 16:35
S46	5567	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 17:03
S47	74	S46 and (drive adj shaft with control adj shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 17:04
S48	44	S47 and (link\$3 or pin) near3 (coupl\$3 or connect\$4 or mount\$4) with shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/12 17:05
S49	5569	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 13:43
S50	523	S49 and ((drive or control) near2 shaft) with (camshaft or cam\$1shaft or (cam adj shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:53

EAST Search History

S51	109	S50 and (link or rod or lever or arm) near2 (end or pin or bolt) with (ax\$1s or axial\$2 or pivot\$4 or spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:55
S52	15	S51 and (link or rod or lever or arm) near2 (end or pin or bolt) with (spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 15:14
S53	19	S51 and (end or pin or bolt) with (ax\$1s or axial\$2 or pivot\$4) near3 (spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 15:15
S54	82	S51 not (S52 or S53)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:16
S55	4249	123/90.15-90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:16
S56	256	123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:16
S57	105	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:16
S58	101	S57 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:40
S59	436	123/90.21-90.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:40
S60	182	S49 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:40
S61	8	S60 and ((drive or control) near2 shaft) with (camshaft or cam\$1shaft or (cam adj shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:54
S62	32	S60 and (link or rod or lever or arm) near2 (end or pin or bolt) with (ax\$1s or axial\$2 or pivot\$4 or spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 14:55

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S63	9	S60 and (link or rod or lever or arm) near2 (end or pin or bolt) with (spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 15:15
S64	15	S60 and (end or pin or bolt) with (ax\$1s or axial\$2 or pivot\$4) near3 (spac\$3 or length or distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 15:15
S65	6	(US-5787849-\$ or US-5931129-\$ or US-6425357-\$ or US-5988125-\$ or US-6357405-\$ or US-5445117-\$). did.	USPAT	OR	ON	2004/10/17 16:55
S66	1	S65 and needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 16:57
S67	5	S65 and assembl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 17:04
S68	0	S65 and spigot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 17:04
S69	18	US-4872428-\$.DID. OR US-4913104-\$.DID. OR US-5074260-\$.DID. OR US-5080055-\$.DID. OR US-5095861-\$.DID. OR US-5363818-\$.DID. OR US-5365896-\$.DID. OR US-5398649-\$.DID. OR US-5617818-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 10:31
S70	1	gb-2165885-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 10:32
S71	1	gb-2231088-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 10:32
S72	3593	(cam or camshaft) with shaft with (driv\$3 near2 (rod or link or arm or lever))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:39
S73	5897	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:40

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S74	155	S73 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:40
S75	325489	ax?s near3 (spaced or offset\$4 or off\$1set\$4 or transvers\$3 or lateral\$2 or radial\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:42
S76	517	S73 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:42
S77	489	S72 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:43
S78	32	S73 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/24 15:43
S79	3	(US-5445117-\$ or US-5787849-\$ or US-6357405-\$).did.	USPAT	OR	ON	2005/05/31 09:51
S80	70	drive\$1shaft with cam\$1shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:19
S81	1603	((drive adj shaft) or drive\$1shaft) with ((cam adj shaft) or cam\$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:08
S82	5909	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:20
S83	171	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:20
S84	1722	123/90.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:20
S85	44	S83 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:41

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S86	127	S83 not S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:42
S87	3708	\$shaft with ((cam adj shaft) or cam\$1shaft) with ax?s with cam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:09
S88	295	S84 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:09
S89	862	\$shaft with ((cam adj shaft) or cam\$1shaft) with ax?s with cam with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:10
S90	80	S84 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:10
S91	23	\$shaft with ((cam adj shaft) or cam\$1shaft) with ax?s with cam with parallel with link	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:11
S92	3	S84 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:10
S93	1	gb-1522405-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:42
S94	65	mitchell-stephen-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:44
S95	283	((camshaft or cam\$1shaft) near3 (drive or driving or (driven adj by))) same (ax?s with (parallel or spac\$3 or separat\$3 or distanc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/12 18:48
S96	7	S95 and ((cam or camshaft or cam\$1shaft) with "360")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/12 18:48
S97	3	("4872428").URPN.	USPAT	OR	ON	2005/06/12 18:55
S98	5	("3010339" "3491604" "Re31917").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:57

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S99	10	(US-3491604-\$ or US-4616606-\$ or US-4872428-\$ or US-5417611-\$ or US-5445117-\$ or US-5787849-\$ or US-5931129-\$ or US-5988125-\$ or US-6357405-\$ or US-6425357-\$). did.	USPAT	OR	ON	2005/06/13 11:09
S10 0	146	riddle-\$.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 11:17
S10 1	267	123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 11:17
S10 2	13	S100 and S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 11:17
S10 3	3	("5836274" "6425357" "6715456").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/13 11:22
S10 4	4	S99 and control adj shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:26
S10 5	548	464/102-105,110.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:26
S10 6	1358	74/568R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:26
S10 7	111	74/68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:27
S10 8	5919	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:27
S10 9	2	S105 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:27
S11 0	2	S105 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:28

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S11 1	3	S105 and S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:28
S11 2	0	S106 and S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:28
S11 3	260	S106 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:28
S11 4	0	S107 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:29
S11 5	7671	S105 or S106 or S107 or S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 13:37
S11 6	10	(US-3491604-\$ or US-4616606-\$ or US-4872428-\$ or US-5417611-\$ or US-5445117-\$ or US-5787849-\$ or US-5931129-\$ or US-5988125-\$ or US-6357405-\$ or US-6425357-\$). did.	USPAT	OR	ON	2005/06/13 13:37
S11 7	1	S116 and needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S11 8	548	464/102-105,110.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S11 9	1358	74/568R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S12 0	111	74/68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S12 1	5919	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55

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S12 2	7671	S118 or S119 or S120 or S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S12 3	1	S122 and inclined adj key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:55
S12 4	73	inclined adj key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 14:59
S12 5	31	123/90.16.ccls. and 123/90.18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 15:11
S12 6	10	(US-3491604-\$ or US-4616606-\$ or US-4872428-\$ or US-5417611-\$ or US-5445117-\$ or US-5787849-\$ or US-5931129-\$ or US-5988125-\$ or US-6357405-\$ or US-6425357-\$). did.	USPAT	OR	ON	2005/06/13 15:12
S12 7	3	S126 and oscillat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 15:17
S12 8	0	S126 and span	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 15:17
S12 9	2	S125 and span	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/13 15:17
S13 0	68	mittchell-stephen-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/30 17:25